

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/FR 98/02629

<b>A. CLASSIFICATION OF SUBJECT MATTER</b>				
IPC 6 C12N15/10 C12N1/21 C12N9/22 C12N15/70 C12Q1/68				
According to International Patent Classification (IPC) or to both national classification and IPC				
<b>B. FIELDS SEARCHED</b>				
Minimum documentation searched (classification system followed by classification symbols) IPC 6 C12N C12Q				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched				
Electronic data base consulted during the international search (name of data base and, where practical, search terms used)				
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>				
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
X	JONES D.H. ET AL.: "Production of a vector to facilitate DNA mutagenesis and recombination" BIOTECHNIQUES, vol. 16, no. 4, 1994, pages 694-701, XP002076171 cited in the application see page 700, column 1 see figure 6	1-22		
A	DENG W.P. & NIKOLOFF J.A.: "Site-directed mutagenesis of virtually any plasmid by eliminating a unique site" ANALYTICAL BIOCHEMISTRY, vol. 200, 1992, pages 81-88, XP002096494 see the whole document en particulier page 82, colonne 1 --- -/--	1-22		
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <span style="margin-left: 200px;"><input checked="" type="checkbox"/> Patent family members are listed in annex.</span>				
* Special categories of cited documents :				
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none; vertical-align: top;">                 "A" document defining the general state of the art which is not considered to be of particular relevance                  "E" earlier document but published on or after the international filing date                  "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)                  "O" document referring to an oral disclosure, use, exhibition or other means                  "P" document published prior to the international filing date but later than the priority date claimed             </td> <td style="width: 50%; border: none; vertical-align: top;">                 "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention                  "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone                  "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.                  "&amp;" document member of the same patent family             </td> </tr> </table>			"A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family
"A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family			
Date of the actual completion of the international search	Date of mailing of the international search report			
12 March 1999	29/03/1999			
Name and mailing address of the ISA	Authorized officer			
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Galli, I			

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Int'l Application No

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>GALLI ET AL.: "Mammalian genomic sequences can substitute for the SV40 AT stretch in sustaining replication of the SV40 origin of replication"            FEBS LETTERS,            vol. 318, no. 3, March 1993, pages 335-340, XP002096461            see page 336, column 1            see figure 1</p>	1-22
A	<p>MAJUMDER K ET AL: "Recombinant enrichment by exploitation of restriction sites with interrupted palindromes: design, synthesis and incorporation of zero-background linkers in cloning and expression vectors"            GENE,            vol. 151, no. 1, 30 December 1994, page 147-151 XP004042627</p>	1-22
A	<p>WO 95 04745 A (LIFE TECHNOLOGIES INC)            16 February 1995            see page 6 - page 7            see claims 1,4</p>	1-22
A	<p>US 5 252 724 A (KISHIMOTO TOSHIHIKO ET AL) 12 October 1993            see abstract            see column 2, line 53 - column 3, line 2</p>	1-22
A	<p>AMERSHAM LIFE SCIENCE CATALOGUE 1994            pages 164-165            XP002076172            see the whole document</p>	15

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Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9504745    A	16-02-1995	US 5500356 A	19-03-1996
		CA 2169283 A	16-02-1995
		EP 0713494 A	29-05-1996
		JP 9501321 T	10-02-1997
		US 5759778 A	02-06-1998
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